

FIG.1

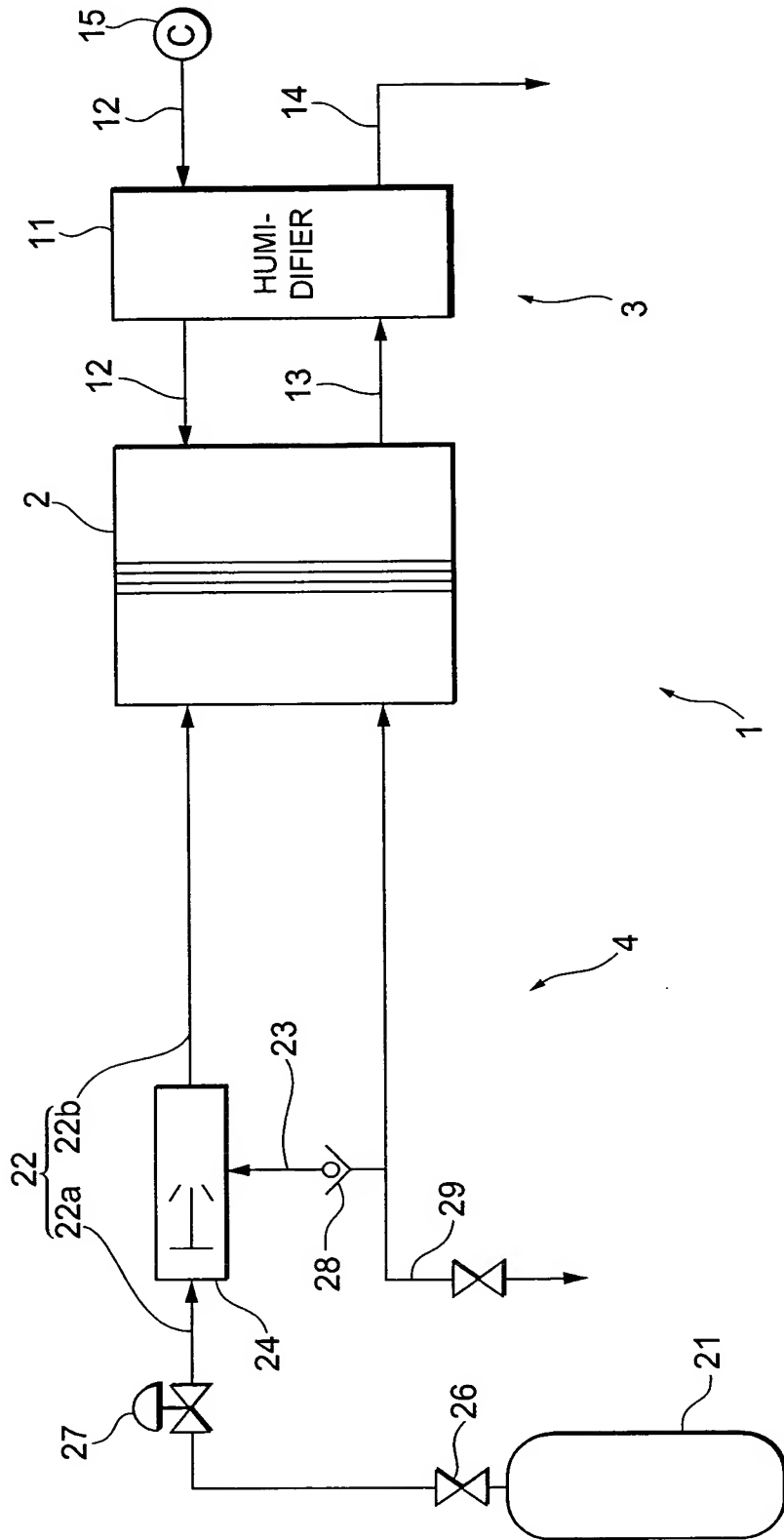
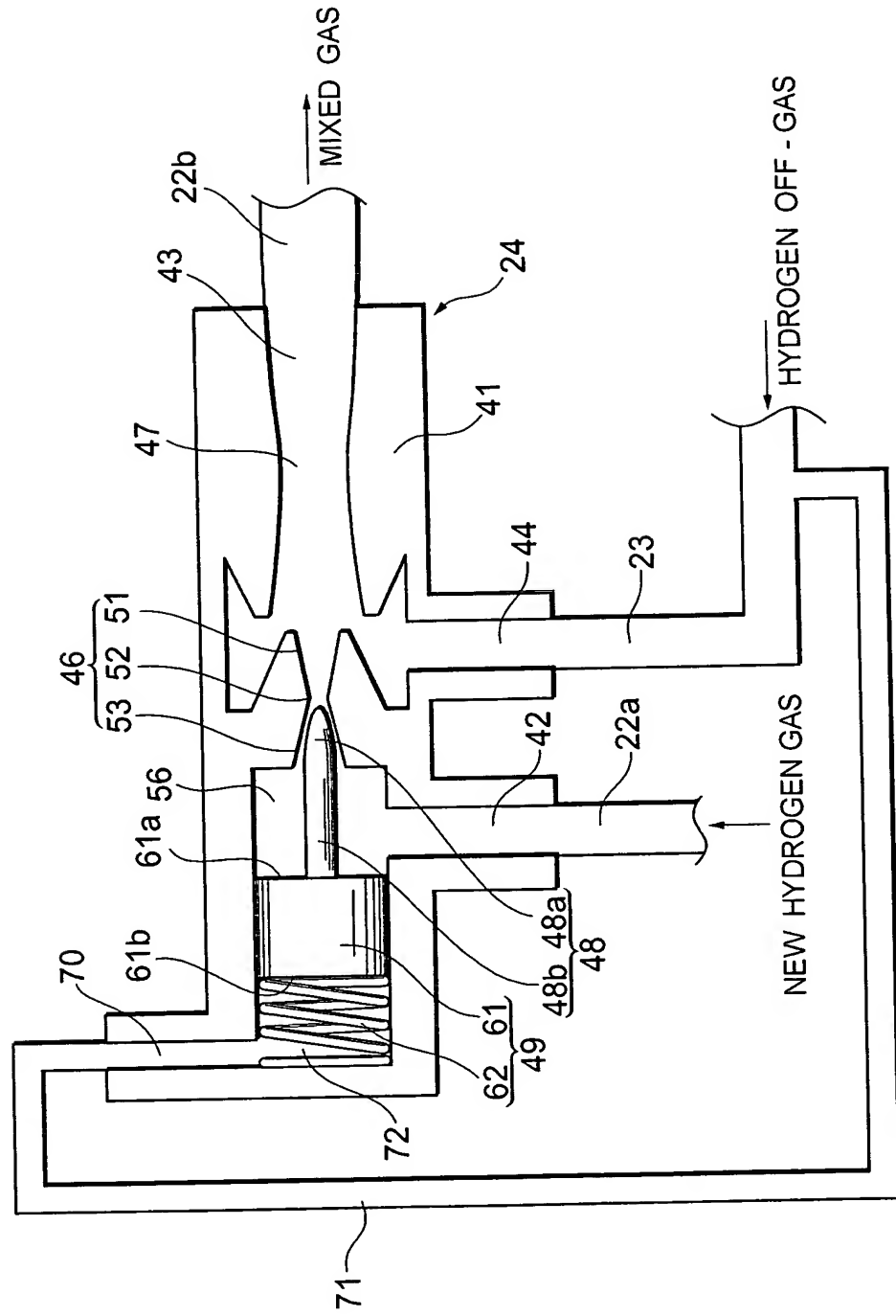


FIG. 2



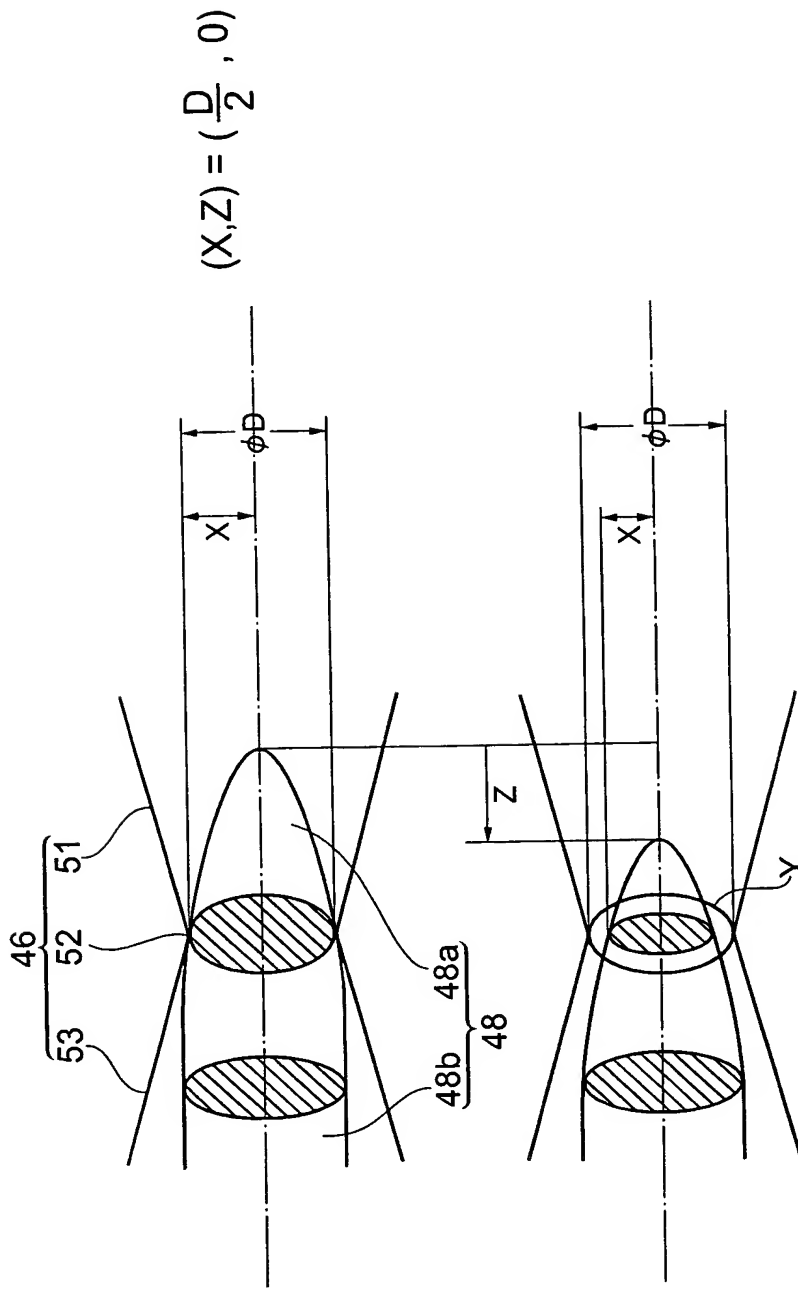


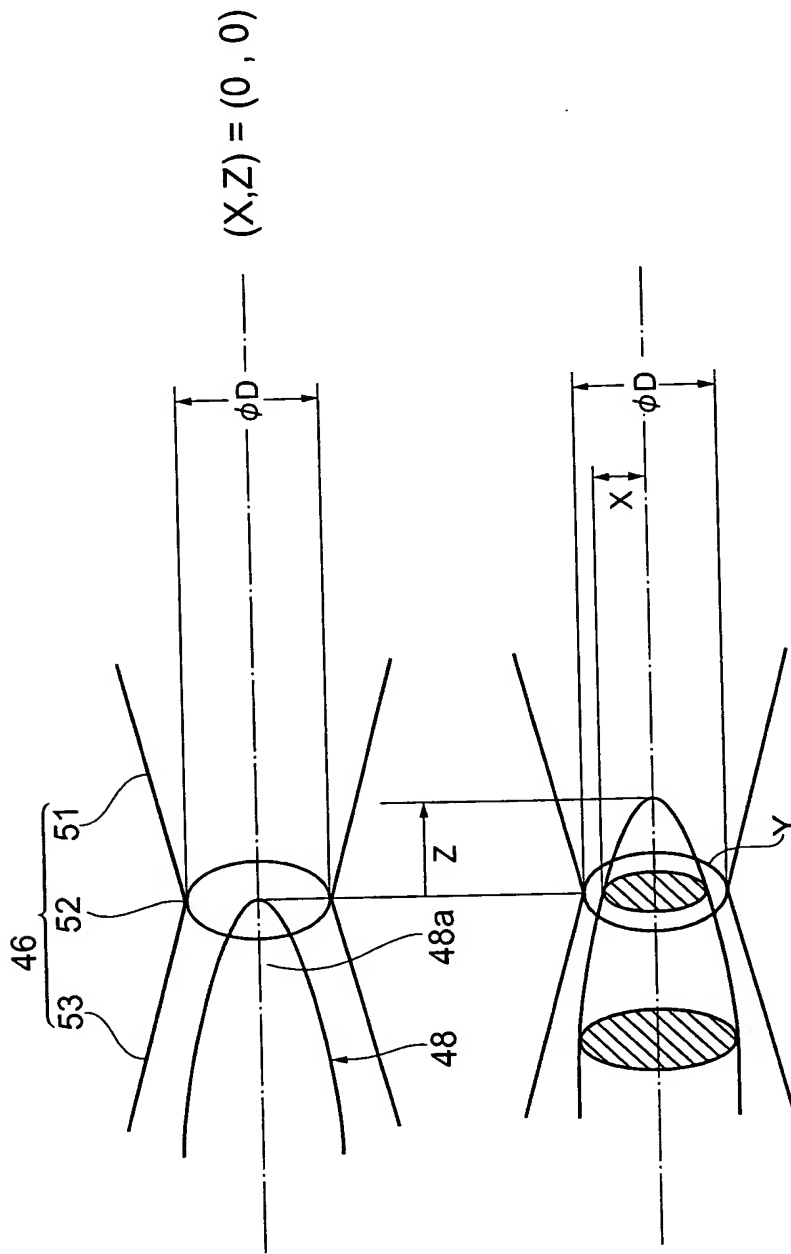
FIG. 3A

FIG. 3B

$$Y = KZ \text{ ----- (1)}$$

$$Y = \pi \left\{ \left(\frac{D}{2} \right)^2 - X^2 \right\} \text{ ----- (2)}$$

$$X = \sqrt{\left(\frac{D}{2} \right)^2 - \frac{Y}{\pi}} = \sqrt{\left(\frac{D}{2} \right)^2 - \frac{KZ}{\pi}} \text{ ----- (3)}$$



$$X^2 = CZ \quad \text{-----} (4)$$

$$Y = \pi \left\{ \left(\frac{D}{2} \right)^2 - X^2 \right\} = \pi \left\{ \left(\frac{D}{2} \right)^2 - CZ \right\} \quad \text{-----} (5)$$

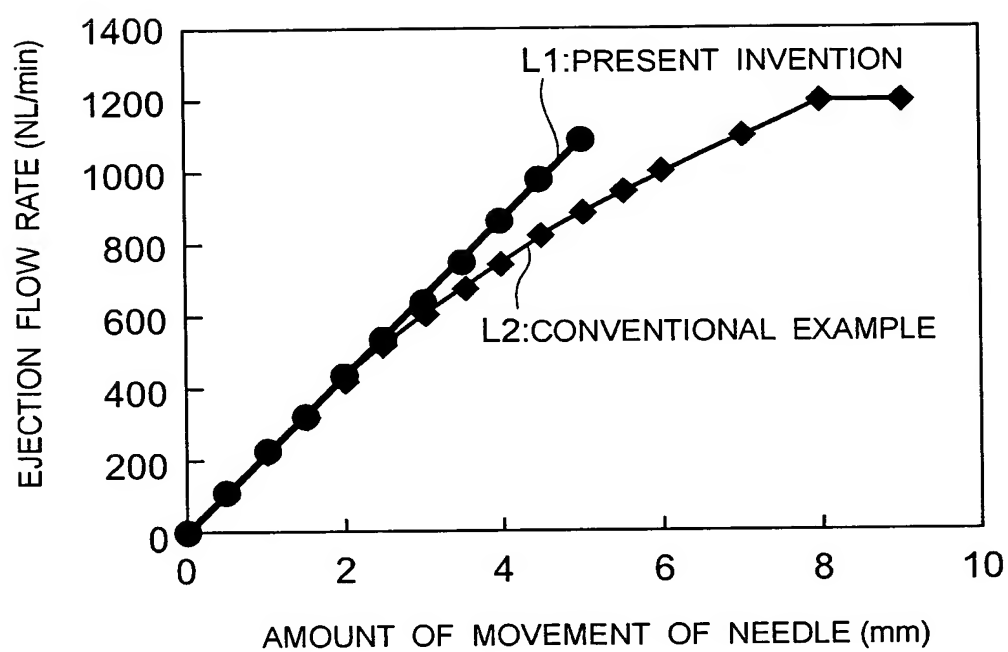
FIG.5

FIG. 6